

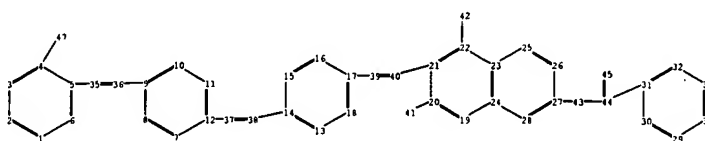
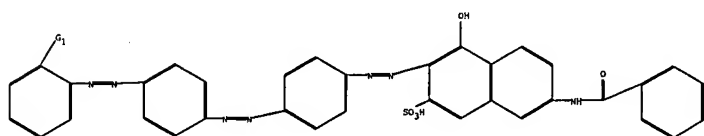
WEST Search History

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DATE: Saturday, December 08, 2007

Hide? Set Name Query**Hit Count***DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=ADJ*☐ L4 us-5318856-\$.did. or us-6790490-\$.did. or jp-03078703-\$.did. or 20070166483 8*DB=USPT,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=ADJ*☐ L3 us-5318856-\$.did. or us-6790490-\$.did. or jp-03078703-\$.did. 6☐ L2 jp-03078703-\$.did. or jp-2002105348-\$.did. or jp-11218610-\$.did. or jp-10259311-\$.did. 8

END OF SEARCH HISTORY



chain nodes :

35 36 37 38 39 40 41 42 43 44 45 47

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34

chain bonds :

4-47 5-35 9-36 12-37 14-38 17-39 20-41 21-40 22-42 27-43 31-44 35-36 37-38 39-40 43-44
44-45

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15 15-16 16-17
17-18 19-20 19-24 20-21 21-22 22-23 23-24 23-25 24-28 25-26 26-27 27-28 29-30 29-34
30-31 31-32 32-33 33-34

exact/norm bonds :

4-47 5-35 9-36 12-37 14-38 17-39 21-40 22-42 27-43 35-36 37-38 39-40 43-44 44-45

exact bonds :

20-41 31-44

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15 15-16 16-17
17-18 19-20 19-24 20-21 21-22 22-23 23-24 23-25 24-28 25-26 26-27 27-28 29-30 29-34
30-31 31-32 32-33 33-34

G1:C,O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom
24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom
35:CLASS36:CLASS37:CLASS38:CLASS39:CLASS40:CLASS41:CLASS42:CLASS43:CLASS44:CLASS
45:CLASS47:CLASS

L4 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2005:823777 CAPLUS
 DN 143:231358
 TI Azo compounds for polarizing films and polarizing plates with good polarizing performance and durability, and reduced in color leakage in visible light region
 IN Sadamitsu, Yuichi
 PA Nippon Kayaku Kabushiki Kaisha, Japan; Polatechno Co., Ltd.
 SO PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|----------|
| PI WO 2005075572 | A1 | 20050818 | WO 2005-JP1412 | 20050201 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2553415 | A1 | 20050818 | CA 2005-2553415 | 20050201 |
| EP 1712595 | A1 | 20061018 | EP 2005-709558 | 20050201 |
| R: DE, FR, GB, NL | | | | |
| CN 1914283 | A | 20070214 | CN 2005-80004049 | 20050201 |
| US 2007166483 | A1 | 20070719 | US 2006-587674 | 20060727 |
| KR 2007024469 | A | 20070302 | KR 2006-715545 | 20060801 |
| PRAI JP 2004-27942 | A | 20040204 | | |
| WO 2005-JP1412 | W | 20050201 | | |

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2002:397866 CAPLUS
 DN 136:393066
 TI Trisazo compound (salt) as dichroic dye and dye-doped optical polarizer film
 IN Ota, Yoshiteru; Hayashi, Shigetoshi
 PA Sumitomo Chemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------------|------|----------|-----------------|----------|
| PI JP 2002155218 | A | 20020528 | JP 2000-357358 | 20001124 |
| PRAI JP 2000-357358 | | 20001124 | | |
| OS MARPAT 136:393066 | | | | |

L4 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2002:265019 CAPLUS
 DN 136:296155
 TI Trisazo dyes for use in polarizing films with good light fastness
 IN Ota, Yoshiteru; Hayashi, Shigetoshi
 PA Sumitomo Chemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-------------------|------|----------|-----------------|----------|
| | ----- | ---- | ----- | ----- | ----- |
| PI | JP 2002105348 | A | 20020410 | JP 2000-303254 | 20001003 |
| PRAI | JP 2000-303254 | | 20001003 | | |
| OS | MARPAT 136:296155 | | | | |

L4 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1994:437628 CAPLUS
DN 121:37628
TI Azo compounds and water-soluble dyes and light-polarizing films containing the same and manufacture thereof
IN Misawa, Tsutayoshi; Ogiso, Akira; Imai, Rihoko; Ito, Naoto
PA Mitsui Toatsu Chemicals, Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|------------------|------|----------|-----------------|----------|
| | ----- | ---- | ----- | ----- | ----- |
| PI | JP 05295282 | A | 19931109 | JP 1992-107012 | 19920424 |
| PRAI | JP 1992-107012 | | 19920424 | | |
| OS | MARPAT 121:37628 | | | | |

L4 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1987:578030 CAPLUS
DN 107:178030
TI Trisazo compounds
IN Hibara, Toshio
PA Mitsubishi Chemical Industries Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---------------------|------|----------|-----------------|----------|
| | ----- | ---- | ----- | ----- | ----- |
| PI | JP 62081457 | A | 19870414 | JP 1985-220913 | 19851003 |
| | JP 05088739 | B | 19931224 | | |
| PRAI | JP 1985-220913 | | 19851003 | | |
| OS | CASREACT 107:178030 | | | | |

L4 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1949:3752 CAPLUS
DN 43:3752
OREF 43:860i,861a-d
TI Green tetrakisazo dyes
IN Sparks, Chiles E.; Libby, James W., Jr.; Trepagnier, Joseph H.
PA E. I. du Pont de Nemours & Co.

DT Patent
LA Unavailable
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| | ----- | ---- | ----- | ----- | ----- |
| PI | US 2448158 | | 19480831 | US 1945-571362 | 19450104 |